

; TITLE OF INVENTION: DNA AND RECOMBINANT PLASMID
; NUMBER OF SEQUENCES: 5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/400,179
; FILING DATE: 06-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 389,922
; FILING DATE: 18-JUN-1982
; APPLICATION NUMBER: 201,359
; FILING DATE: 27-OCT-1980
; SEQ ID NO:4:
; LENGTH: 166
5514567-4

Query Match 98.9%; Score 864; DB 6; Length 166;
Best Local Similarity 98.8%; Pred. No. 1.4e-82;
Matches 164; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQNGRLEYCLKDRMNFDPPEIKQLQnFskEDAALTIY 60
|||||
Db 1 MSYNLLGFLQRSSNFQCQKLLWQNGRLEYCLKDRMNFDPPEIKQLQnFskEDAALTIY 60
|||||
QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120
|||||
Db 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120
|||||
QY 121 HLKRYGGRILHYLKAKEYSHCAWTIVRVEILRNFFYNRLTGylRN 166
|||||
Db 121 HLKRYGGRILHYLKAKEYSHCAWTIVRVEILRNFFYNRLTGylRN 166
|||||

RESULT 3

US-09-206-903A-9
; Sequence 9, Application US/09206903A
; Patent No. 6200780
; GENERAL INFORMATION:
; APPLICANT: Chen, Jian
; APPLICANT: Godowski, Paul J.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Dong-Xiao
; TITLE OF INVENTION: NOVEL TYPE I INTERFERONS
; FILE REFERENCE: P1224-2R1
; CURRENT APPLICATION NUMBER: US/09/206,903A
; CURRENT FILING DATE: 1998-12-07
; PRIOR APPLICATION NUMBER: US 60/106,463
; PRIOR FILING DATE: 1998-10-30
; NUMBER OF SEQ ID NOS: 12
; SEQ ID NO 9
; LENGTH: 187
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-206-903A-9

Query Match 98.9%; Score 864; DB 4; Length 187;
Best Local Similarity 98.8%; Pred. No. 1.6e-82;
Matches 164; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQNGRLEYCLKDRMNFDPPEIKQLQnFskEDAALTIY 60
|||||
Db 22 MSYNLLGFLQRSSNFQCQKLLWQNGRLEYCLKDRMNFDPPEIKQLQnFskEDAALTIY 81
|||||
QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120
|||||
Db 82 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 141
|||||
QY 121 HLKRYGGRILHYLKAKEYSHCAWTIVRVEILRNFFYNRLTGylRN 166
|||||
Db 142 HLKRYGGRILHYLKAKEYSHCAWTIVRVEILRNFFYNRLTGylRN 187
|||||

RESULT 4

US-08-406-030A-30
; Sequence 30, Application US/08406030A
; Patent No. 6270989
; GENERAL INFORMATION:
; APPLICANT: Treco, Douglas A.
; APPLICANT: Heartlein, Michael W.
; APPLICANT: Hauge, Brian M.
; APPLICANT: Selden, Richard F.
; TITLE OF INVENTION: Protein Production and Delivery
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/406,030A
; FILING DATE: 17-MAR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/243,391
; FILING DATE: 13-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/985,586
; FILING DATE: 03-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/911,533
; FILING DATE: 10-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,840
; FILING DATE: 05-NOV-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/789,188
; FILING DATE: 05-NOV-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/11704
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/09627
; FILING DATE: 05-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: TKT95-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 187 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-406-030A-30

Query Match 98.9%; Score 864; DB 4; Length 187;
Best Local Similarity 98.8%; Pred. No. 1.6e-82;
Matches 164; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQNGRLEYCLKDRMNFDPPEIKQLQnFskEDAALTIY 60
|||||
Db 22 MSYNLLGFLQRSSNFQCQKLLWQNGRLEYCLKDRMNFDPPEIKQLQnFskEDAALTIY 81
|||||
QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120
|||||

Db 82 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 141

QY 121 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 166

Db 142 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 187

RESULT 5

US-09-202-122-9

; Sequence 9, Application US/09202122

; Patent No. 6299869

; GENERAL INFORMATION:

; APPLICANT: Chen, Jian

; APPLICANT: Godowski, Paul

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Dong-Xiao

; TITLE OF INVENTION: HUMAN INTERFERON-EPSILON: A TYPE I INTERFERON

; FILE REFERENCE: P1224R2 (filed)

; CURRENT APPLICATION NUMBER: US/09/202,122

; CURRENT FILING DATE: 1999-03-04

; PRIOR APPLICATION NUMBER: PCT/US98/25672

; PRIOR FILING DATE: 1998-12-03

; NUMBER OF SEQ ID NOS: 12

; SEQ ID NO 9

; LENGTH: 187

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-202-122-9

Query Match 98.9%; Score 864; DB 4; Length 187;

Best Local Similarity 98.8%; Pred. No. 1.6e-82;

Matches 164; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 60

Db 22 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 81

QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120

Db 82 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 141

QY 121 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 166

Db 142 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 187

RESULT 6

US-09-206-935-7

; Sequence 7, Application US/09206935

; Patent No. 6299877

; GENERAL INFORMATION:

; APPLICANT: Chen, Jian

; APPLICANT: Godowski, Paul

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Dong-Xiao

; TITLE OF INVENTION: NOVEL TYPE I INTERFERONS

; FILE REFERENCE: 11669.50US05

; CURRENT APPLICATION NUMBER: US/09/206,935

; CURRENT FILING DATE: 1998-12-07

; EARLIER APPLICATION NUMBER: 60/084,045

; EARLIER FILING DATE: 1998-05-04

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 7

; LENGTH: 187

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-206-935-7

Query Match 98.9%; Score 864; DB 4; Length 187;

Best Local Similarity 98.8%; Pred. No. 1.6e-82;

Matches 164; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 60

Db 22 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 81

QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120

Db 82 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 141

QY 121 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 166

Db 142 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 187

Query Match 98.9%; Score 864; DB 4; Length 187;

Best Local Similarity 98.8%; Pred. No. 1.6e-82;

Matches 164; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 60

Db 22 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 81

QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120

Db 82 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 141

QY 121 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 166

Db 142 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 187

Matches 164; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 60

Db 22 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 81

QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120

Db 82 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 141

QY 121 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 166

Db 142 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 187

RESULT 7

US-09-206-936-7

; Sequence 7, Application US/09206936A

; Patent No. 6300475

; GENERAL INFORMATION:

; APPLICANT: Chen, Jian

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: No. 6300475el Inteferon

; FILE REFERENCE: P1224R1

; CURRENT APPLICATION NUMBER: US/09/206,936A

; CURRENT FILING DATE: 1998-12-07

; EARLIER APPLICATION NUMBER: US 60/067,897

; EARLIER FILING DATE: 1998-12-08

; NUMBER OF SEQ ID NOS: 22

; SEQ ID NO 7

; LENGTH: 187

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-206-936-7

Query Match 98.9%; Score 864; DB 4; Length 187;

Best Local Similarity 98.8%; Pred. No. 1.6e-82;

Matches 164; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 60

Db 22 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEEIKQLQnFsKEDAALTYI 81

QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120

Db 82 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 141

QY 121 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 166

Db 142 HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFINRLTGYLRN 187

RESULT 8

5514567-1

; Patent No. 5514567

; APPLICANT: SUGANO, HARUO; MURAMATSU, MASAMI; TANIGUCHI, TADATSUGU

; TITLE OF INVENTION: DNA AND RECOMBINANT PLASMID

; NUMBER OF SEQUENCES: 5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/400,179

; FILING DATE: 06-MAR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 389,922

; FILING DATE: 18-JUN-1982

; APPLICATION NUMBER: 201,359

; FILING DATE: 27-OCT-1980

; SEQ ID NO:1:

; LENGTH: 187

5514567-1

Query Match 98.9%; Score 864; DB 6; Length 187;
Best Local Similarity 98.8%; Pred. NO. 1.6e-82;
Matches 164; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

| | | | |
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| Qy | 1 | MSYNLLGFQRSSNFQCQLLWQLNGRLEYCLKDRMNFDIPEEIKQLQFQSKEDAALTIY | 60 |
| Dd | 22 | MSYNLLGFQRSSNFQCQLLWQLNGRLEYCLKDRMNFDIPEEIKQLQFQSKEDAALTIY | 81 |
| Qy | 61 | EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSL | 120 |
| Dd | 82 | EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSL | 141 |
| Qy | 121 | HLKRYYGRIILHYLKKEYSHCAWTIVRVEILRNFYFINRLTGylrN | 166 |
| Dd | 142 | HLKRYYGRIILHYLKKEYSHCAWTIVRVEILRNFYFINRLTGylrN | 187 |

RESULT 9
US-08-477-310A-1
; Sequence 1, Application US/08477310A
; Patent No. 5814485
; GENERAL INFORMATION:
; APPLICANT: Dorin, Glenn
; APPLICANT: McAlary, Patrick J.
; APPLICANT: Wong, Kathleen M.
; TITLE OF INVENTION: Bacterial Production of Hydrophobic
; TITLE OF INVENTION: Polypeptides
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94608

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Query Match          98.6%; Score 862; DB 2; Length 166;
Best Local Similarity 98.2%; Pred. No. 2.2e-82;
Matches 163; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
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| | | | |
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| Qy | 1 | MSYNLLGLQRSSNFQCOKLLWQLNGRLEYCLKDRMNFDIPEEIKQLQNfSKEDAALTIY | 60 |
| | | | |
| Dd | 1 | MSYNLLGLQRSSNFQCOKLLWQLNGRLEYCLKDRMNFDIPEEIKQLQQFKEDAAALTIY | 60 |
| | | | |
| Qy | 61 | EMLQNIFAIFRODSSSTGWNETIVENLLANVYHQINHLKTVEEKLEKEDETRGKLMSL | 120 |
| | | : | |
| Dd | 61 | EMLQNIFALFRQDSSSTGWNETIVENLLANVYHQINHLKTVEEKLEKEDETRGKLMSL | 120 |

| | | | |
|----|-----|--|-----|
| QY | 121 | HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFNRLTGYLRN | 166 |
| | | | |
| QY | 121 | HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFNRLTGYLRN | 166 |
| | | | |
| Db | 121 | HLKRYYGRIILHYLKAKEYSHCAWTIVRVEILRNFYFNRLTGYLRN | 166 |
| | | | |

```

RESULT 10
US-08-213-448-1
; Sequence 1, Application: US/08213448
; Patent No. 5545723
; GENERAL INFORMATION:
; APPLICANT: Goelz, Susan E
; APPLICANT: Cate, Richard L
; APPLICANT: pepinsky, Blake R
; APPLICANT: Chow, Pingchang E
; TITLE OF INVENTION: "No. 5545723el Muteins Of IFN-Beta
; NUMBER OF SEQUENCES: 4

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Query Match 98.3%; Score 859; DB 1; Length 166;
Best Local Similarity 98.2%; Pred. No. 4.6e-82;
Matches 163; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

| | | | | |
|----|-----|--|------------------------|----|
| QY | 1 | MSYNLLGFLQRSSNFQCQKLLWQLNGRLECYCLKDRMNF | DIPEEIKQLQNFsKEDAALTIY | 60 |
| Dd | 1 | MSYNLLGFLQRSSNFQCQKLLWQLNGRLECYCLKDRMNF | DIPEEIKQLQOQKEDAALTIY | 60 |
| QY | 61 | EMLQNIFAIFRODSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL | 120 | |
| Dd | 61 | EMLQNIFAIFRODSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL | 120 | |
| QY | 121 | HLKRYYGRIILHYLKAKEYSHCANTIVRVEILRNFYFINRLTGyLRN | 166 | |
| Dd | 121 | HLKRYYGRIILHYLKAKEYSHCANTIVRVEILRNFYFINRLTGyLRN | 166 | |

RESULT 11
US-08-912-768-1
; Sequence 1, Application US/08912768
; Patent No. 6127332
; GENERAL INFORMATION:


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; APPLICANT: Goelz, Susan E
; APPLICANT: Cate, Richard L
; APPLICANT: Pepinsky, Blake R
; APPLICANT: Chow, Pingchang E
; TITLE OF INVENTION: No. 6127332el Muteins Of IFN-Beta
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr.
; STREET: Fish & Neave, 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,768
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/475,774
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haley Jr., James F
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: B179
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 596-9000
; TELEFAX: (212) 596-9090
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 166 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-912-768-1

Query Match          98.3%; Score 859; DB 3; Length 166;
Best Local Similarity 98.2%; Pred. No. 4.6e-82;
Matches 163; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEIKQLQNFsKEDAALTIY 60
Db 1 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEIKQLQNFsKEDAALTIY 60

QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120
Db 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120

QY 121 HLKRYYGRIHLHYLKAKEYSHCAWTIVRVEILRNFFYNRLTGYLNRN 166
Db 121 HLKRYYGRIHLHYLKAKEYSHCAWTIVRVEILRNFFYNRLTGYLNRN 166

RESULT 12
PCT-US95-03206-1
; Sequence 1, Application PC/TUS9503206
; GENERAL INFORMATION:
; APPLICANT: Biogen, Inc.
; APPLICANT: Goelz, Susan E
; APPLICANT: Cate, Richard L
; APPLICANT: Pepinsky, Blake R
; APPLICANT: Chow, Pingchang E
; TITLE OF INVENTION: Novel Muteins Of IFN-Beta
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
```

```

; ADDRESSEE: James F. Haley, Jr.
; STREET: Fish & Neave, 1251 Avenue of the
; STREET: Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03206
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Haley Jr., James F
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: B179
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 596-9000
; TELEFAX: (212) 596-9090
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 166 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US95-03206-1

Query Match          98.3%; Score 859; DB 5; Length 166;
Best Local Similarity 98.2%; Pred. No. 4.6e-82;
Matches 163; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEIKQLQNFsKEDAALTIY 60
Db 1 MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDPPEIKQLQNFsKEDAALTIY 60

QY 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120
Db 61 EMLQNIFAIFRQDSSSTGWNETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSL 120

QY 121 HLKRYYGRIHLHYLKAKEYSHCAWTIVRVEILRNFFYNRLTGYLNRN 166
Db 121 HLKRYYGRIHLHYLKAKEYSHCAWTIVRVEILRNFFYNRLTGYLNRN 166

RESULT 13
US-08-912-768-3
; Sequence 3, Application US/08912768
; Patent No. 6127332
; GENERAL INFORMATION:
; APPLICANT: Goelz, Susan E
; APPLICANT: Cate, Richard L
; APPLICANT: Pepinsky, Blake R
; APPLICANT: Chow, Pingchang E
; TITLE OF INVENTION: No. 6127332el Muteins Of IFN-Beta
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr.
; STREET: Fish & Neave, 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020-1104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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